

Title (en)

Process and device for detecting a misfire

Title (de)

Verfahren und Vorrichtung zum Erkennen eines Verbrennungsaussetzers

Title (fr)

Procédé et dispositif pour détecter un raté de combustion

Publication

EP 1770384 A2 20070404 (DE)

Application

EP 06120631 A 20060914

Priority

DE 102005046953 A 20050930

Abstract (en)

A multiple cylinder engine combustion misfiring detection procedure uses exhaust gas sensors upstream of the catalyser in both separate exhaust paths to determine injection (S14) or ignition (S12) system failure origin using a setting difference for an oxygen residue (S10) controller in affected and unaffected cylinder groups : Independent claims are included for equipment implementing the procedure.

IPC 8 full level

G01M 15/11 (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP US)

F02D 41/1443 (2013.01 - EP US); **F02D 41/1498** (2013.01 - EP US); **G01M 15/11** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1770384 A2 20070404; DE 102005046953 B3 20070426; US 2007078587 A1 20070405; US 7389683 B2 20080624

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